

## ABSTRACT

Disclosed is a method for processing data packets exchanged over a packet network having data packets and voice packets. The method includes receiving data packets from a data processing device and determining whether the data packets need to be divided into smaller data packets. If the data packets need to be divided, then dividing the data packets into divided data packets and interspersing the divided data packets among the voice packets. In addition, the method includes sending the data packets, including the smaller data packets if divided, and the voice packets to a communications network. In one embodiment, data packets to and from the voice packets have a higher priority than the data packets. It is emphasized that this abstract is provided to comply with the rules requiring an abstract that will allow a searcher or other reader to quickly ascertain the subject matter of the technical disclosure. It is submitted with the understanding that it will not be used to interpret or limit the scope or meaning of the claims. 37 CFR 1.72(b).